M. A. R. 57 (Rule 116) **No. D**

Measurement Book

162447

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Package-2 a) Improvement of drains and resurfacing to roads in Hindu samaja Road and surrounding Sirke Apartment area in ward no. 03. Attur. b) Improvements of roads at Adithyanagara in ward no. 3. c) Improvements of roads and drains at santhosh Nagara and Nuneshwara Nagara in ward no. 03. Attur. Job code:- 003-18-000049, 003-18-000050, 003-18-000051 Est. cost:- 250.00 Lakhs						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Agency :- Sri Naveen Rao N (M/s Nischal constructions)						
	Work order no and date:- EE(Project)/YNK zone/No/194/2017-18						
			23-03-2018				
	commencement of work:- 24-03-2018						
	completion of work:- 28-07-2018						
1.	Removing and Refixing stone slabs of drains and pointing in CM (1:3)						

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Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide measurement sheet of page no (9) of enclosed excel sheet @ rate of Rs					4211.34 Sqm 103.00	433767.51
2.	Providing granite slabs of selected quality roughly dressed and fixed in cement -- etc complete as per specifications. Quantity vide measurement sheet of page no (14) of enclosed excel sheet @ rate of Rs					1122.99 Sqm 849.00	953418.51

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3.	Providing precast slabs of selected quality and fixed in cement mortar - - - etc complete as per specification						roughly dressed
	Quantity vide measurement sheet of page no (16) of enclosed excel sheet					577.80	sqm
	@ rate of Rs					2415.00	1395387.00
4.	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw - - - etc complete as per specifications.						
	Quantity vide measurement sheet of page no (21) of enclosed excel sheet					2350.18	~~sqm~~ ~~do~~ cum

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Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			@	Rate	of Rs	225.00 =	~~628789.38~~ 528791-
5.	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs - - - etc complete as per specifications. Quantity vide measurement sheet of page no (23) of enclosed excel sheet				@ Rate of Rs	1147.81 cum 6827.00 =	783807.87

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6.	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement - -- etc complete as per specifications.						
	Quantity vide measurement sheet of page no (25) of enclosed excel sheet					206.15	cum
	@ Rate of Rs					8133.00	= 1676650.48 / 1676618-
7.	Providing and removing centering, shuttering, strutting, propping etc and removal of form work - -- etc complete as per specifications.						
	Quantity vide measurement sheet of page no (27) of enclosed excel sheet					1543.20	sqm

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Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			@ rate of		Rs	396.00=	611107.20
8.	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending ---etc complete as per specifications Quantity vide measurement sheet of page no (28) of enclosed excel sheet @ rate of Rs					12.87 TNS 82006.00	1055493.40 1055417-
9.	Providing and constructing granite/ trap/ basalt size stone masonry in basement ---etc complete as per specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide measurement sheet of page no (29) of enclosed excel sheet					36.44	cum
	@ Rate of Rs					6772.00	~~246778.48~~ 246772
10.	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs --- etc complete as per specification.						
	Quantity vide measurement sheet of page no (30) of enclosed excel sheet					5.22	cum
	@ rate of Rs					7102.00	37072.44
11.	Providing Precast slab of 250mm thick including cost of all						

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Measurement Book

162451

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	materials, labour, curing --- etc complete as per specifications.						
	Quantity vide measurement sheet of page no (31) of enclosed excel sheet @ Rate of Rs					115.80	Sqm
						5877.00	680556.60
12.	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity -- etc complete as per specifications.						
	Quantity vide measurement sheet of page no (36) of enclosed excel sheet @ Rate of Rs					3839.91	cum
						177.00	679664.12

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13.	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller - - - etc complete as per specifica Quantity vide measurement sheet of page no (41) of enclosed excel sheet					10408.15	Sqm
					@ rate of Rs	7.00	72857.05
14.	construction of granular sub-base by providing close graded material, crushed stone aggregates - - - etc complete as per specifications. Quantity vide measurement sheet of page no (46) of enclosed excel sheet					1560.57	cum
					@ rate of Rs	2125.00	~~3316205.19~~ 3316211-4

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Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15.	Providing laying spreading and compacting graded stone aggregates to wet mix macadam specifications --- etc complete as per specifications. Quantity vide measurement sheet of page no (51) of enclosed excel sheet @ rate of Rs					2111.52 cum	
						2256.00	~~4763577.84~~ 4763589-
16	Providing and applying primer coat with SS bitumen emulsion on prepared surface --- etc complete as per specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide measurement sheet of page no (58) of enclosed excel sheet @ Rate of Rs					11905.06 35.00	sqm 416677.10
17.	Providing laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with --- etc complete as specification Quantity vide measurement sheet of page no (65) of enclosed excel sheet @ Rate of Rs					592.47 9088.00	cum 5384399.17 5384367-00
18.	Providing and applying tack coat with bitumen emulsion using 80/100 grade bitumen (VG 30) on prepared black---						

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Measurement Book

162453

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	-- etc complete as per specifications. Quantity vide measurement sheet of page no (11) of enclosed excel sheet					13627.05 15.00	sqm 204405.75
19.	Providing, laying bituminous concrete using 40/60 TMP capacity H.M.P with Mechanical paver --- etc complete as per specifications. Quantity vide measurement sheet of page no (14) of enclosed excel sheet @ rate of Rs					4411.00 10363	cum<br~~4570088.18~~ 4570083-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
20.	Road marking with hot applied thermoplastic compound with reflet rising glass beads --- etc complete as per specifications. Quantity vide measurement sheet of page no (83) of enclosed excel sheet					598.66	sqm
						@ Rate of Rs 694.00 =	~~415466.5~~ 415470-
21.	Providing and fixing precast solid cement concrete kerb stones made out of CC 1:2:4 --- etc complete as per specifications. Quantity vide measurement sheet of page no (84) of enclosed excel sheet					133	Nos

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Measurement Book

162454

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide measurement sheet of page no (84) of enclosed excel sheet @ rate of Rs					133 NOS 413.00 =	56259.00
22.	Painting two coats after filling the surface with synthetic enamel paint in -- etc complete as per specifications Quantity vide measurement sheet of page no (85) of enclosed excel sheet @ rate of Rs					421.02 sqm 81.00 =	34107.00
						TOTAL AMOUNT =	28316531.43

Quantity 311718 / AE

3/8/7

R: 2.83.16.400-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	certificate :-						
	1. certified that the contractor has done the work satisfactorily.						
	2. certified that the contractor has cleared all debris from workspot.						
	31/7/18 AE					31/7/18	

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Measurement Book

162455

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total Rs.	2.83,16.400-00	
					IT-	566328-00	
					Cess-	283164-00	
					CBF-	28316-00	
					LR-	311480-00	
					Addn.	1189288-00	
					Cheque	2.71,27.112-00	

Audited & Admitted for Rs. —

Rs: 2.83,16.400-00

—

Rs: 2.71,27,112-00 by Cheque

and Rs. 1189288-00 by Adjustment

Accts. Supdt.
Project Division
B.B.M.P.

Exe. Engineer
Project Division
B.B.M.P

1/8/18

01/08